

FIG. 1

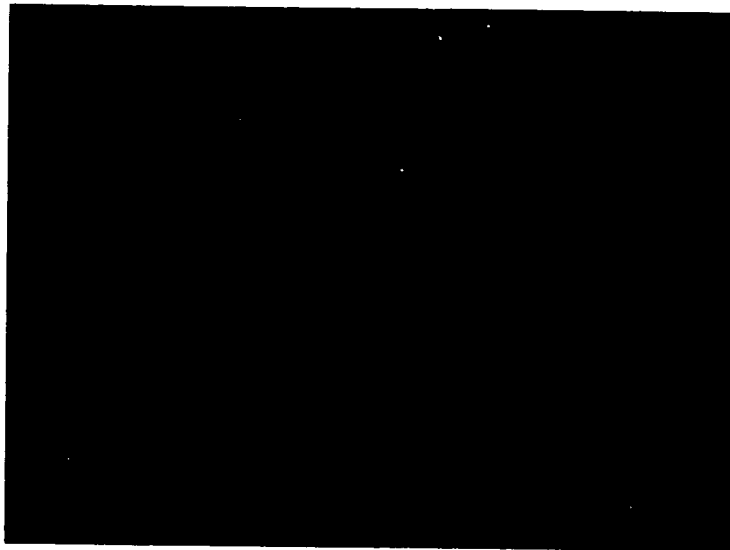
SAMPLE NAME	CHOLESTERIC PHASE		SPONTANEOUS POLARIZATION VALUE (nC/cm ²)
	TEMPERATURE RANGE (°C)	TEMPERATURE WIDTH (°C)	
A	95~93	2	5
B	67~64	3	7
C	101~96	5	10
D	71~64	7	6
E	99~89	10	7
F	115~97	18	11
G	99~75	24	8

FIG. 2

CHOLESTERIC PHASE TEMPERATURE WIDTH (°C)	COOLING RATE (°C/min.)			
	1	3	5	10
2	X	X	X	X
3	O	O	X	X
5	O	O	O	X
7	O	O	O	X
10	O	O	O	O
18	O	O	O	O
24	O	O	O	O

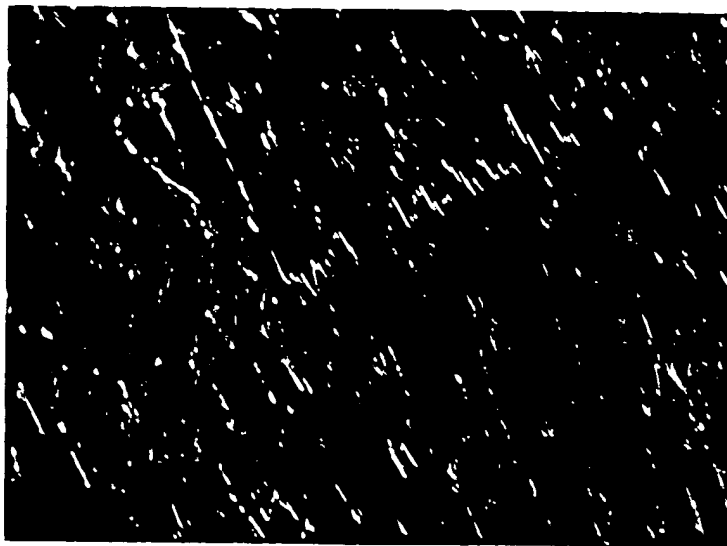
O : GOOD ALIGNMENT
X : POOR ALIGNMENT

FIG. 3A



↔
150 μ m

FIG. 3B

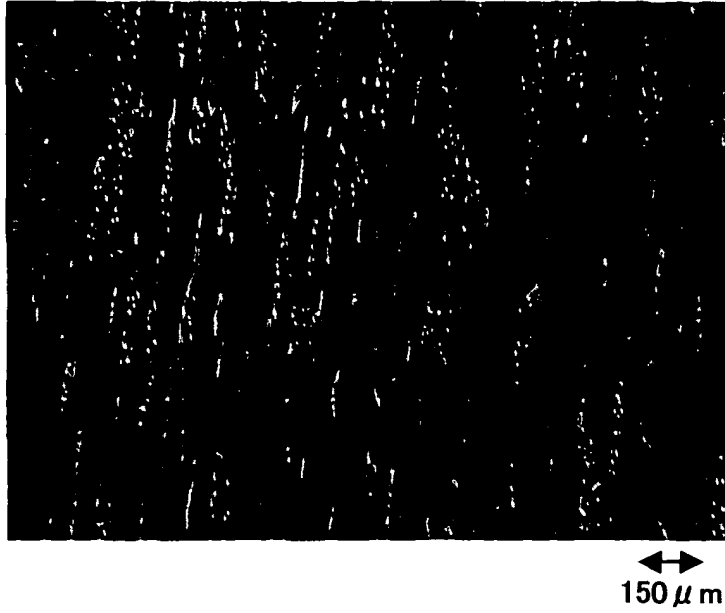


↔
150 μ m

FIG. 4

APPLIED VOLTAGE (V)	ALIGNMENT STATE GOOD·POOR
1	POOR
2	POOR
3	GOOD
5	GOOD
10	GOOD

FIG. 5



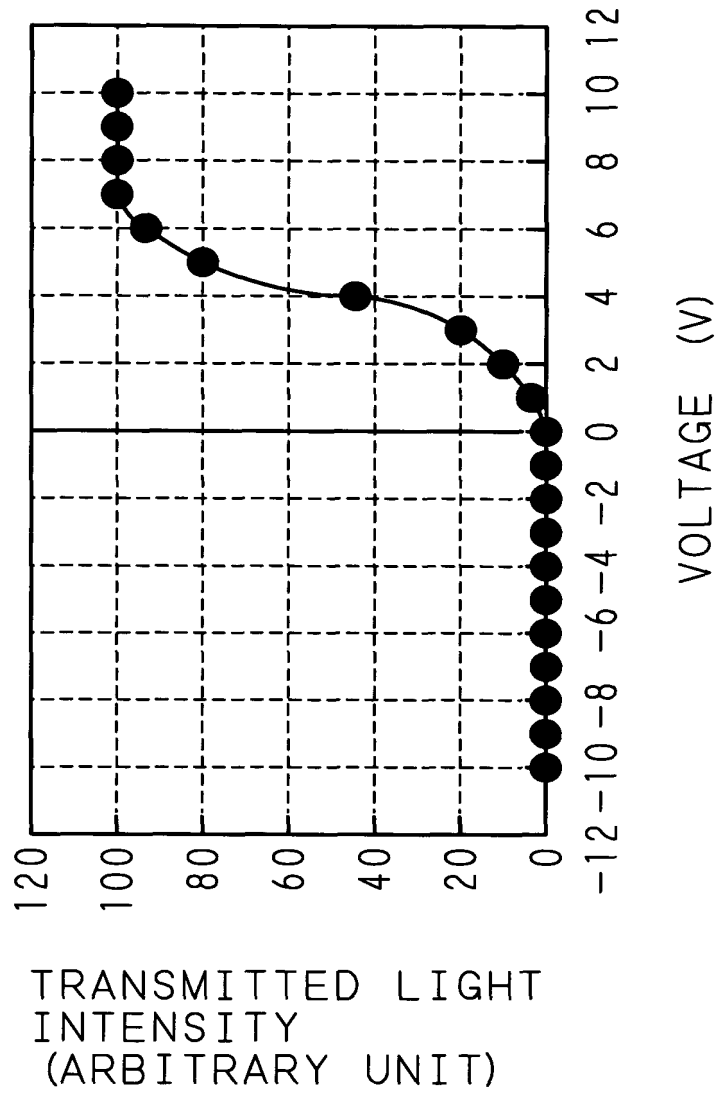


FIG. 6

FIG. 8A
 $E=0$

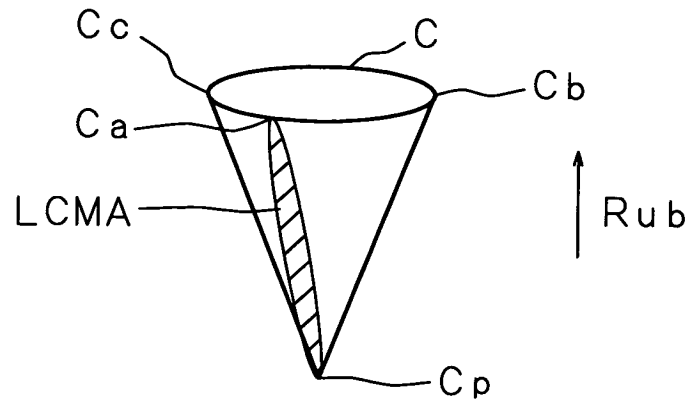


FIG. 8B
 $E>0$

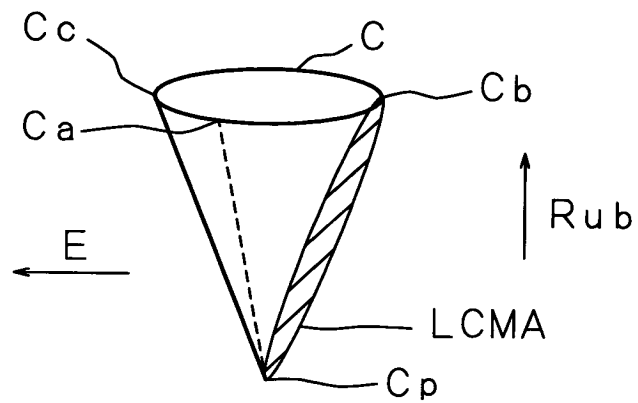


FIG. 8C
 $E<0$

